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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/084,298

DATE: 09/18/2002
TIME: 11:04:27

Input Set : D:\Gi5358.app
Output Set: N:\CRF4\09182002\J084298.raw

ENTERED

3 <110> APPLICANT: Jacobs, Kenneth
4 Pittman, Debra
5 Fouser, Lynette
6 Spaulding, Vikki
7 Xuan, Dejun
9 <120> TITLE OF INVENTION: Composition and Method for Treating Inflammatory
10 Disorders
12 <130> FILE REFERENCE: GI5358 CIP
14 <140> CURRENT APPLICATION NUMBER: 10/084,298
C--> 15 **<141> CURRENT FILING DATE: 2002-09-10**
17 <150> PRIOR APPLICATION NUMBER: 60/270,823
18 <151> PRIOR FILING DATE: 2001-02-23
20 <150> PRIOR APPLICATION NUMBER: 60/281,353
21 <151> PRIOR FILING DATE: 2001-04-03
23 <150> PRIOR APPLICATION NUMBER: 60/131,473
24 <151> PRIOR FILING DATE: 1999-04-28
26 <150> PRIOR APPLICATION NUMBER: 09/561,811
27 <151> PRIOR FILING DATE: 2000-04-28
29 <160> NUMBER OF SEQ ID NOS: 10
31 <170> SOFTWARE: PatentIn Ver. 2.1
33 <210> SEQ ID NO: 1
34 <211> LENGTH: 1191
35 <212> TYPE: DNA
36 <213> ORGANISM: Homo sapiens
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41 caccagctgc ctccttctct tggccctctt ggtacaggga ggagcagctg cgcccatcag 180
42 ctcccactgc aggcttgaca agtccaactt ccagcagccc tatatcacca accgcacctt 240
43 catgctggct aaggaggcta gcttggctga taacaacaca gacgttcgtc tcattgggga 300
44 gaaactgttc cacggagtca gtatgagtga gcgctgctat ctgatgaagc aggtgctgaa 360
45 cttcaccctt gaagaagtgc tgttccctca atctgatagg ttccagcctt atatgcagga 420
46 ggtggtgccc ttcctggcca ggctcagcaa caggctaagc acatgtcata ttgaaggtga 480
47 tgacctgcat atccagagga atgtgcaaaa gctgaaggac acagtgaaaa agcttggaga 540
48 gagtggagag atcaaagcaa ttggagaact ggatttgctg tttatgtctc tgagaaatgc 600
49 ctgcatttga ccagagcaaa gctgaaaaat gaataactaa ccccctttcc ctgctagaaa 660
50 taacaattag atgccccaaa gcgatttttt ttaaccaaaa ggaagatggg aagccaaact 720
51 ccatcatgat gggtggattc caaatgaacc cctgcgttag ttacaaagga aaccaatgcc 780
52 acttttgttt ataagaccag aaggtagact ttctaagcat agatatttat tgataacatt 840
53 tcattgtaac tggtgttcta tacacagaaa acaatttatt ttttaaataa ttgtcttttt 900
54 ccataaaaaa gattactttc cattccttta ggggaaaaaa cccctaaata gcttcatgtt 960
55 tccataatca gtactttata tttataaatg tatttattat tattataaga ctgcatttta 1020
56 tttatatcat tttattaata tggatttatt tatagaaaca tcattcgata ttgctacttg 1080

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57 agtgtaaggc taatattgat atttatgaca ataattatag agctataaca tgtttatttg 1140
58 acctcaataa acacttggat atcctaaaaa aaaaaaaaaa aaagcggccg c 1191
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62 <211> LENGTH: 179
63 <212> TYPE: PRT
64 <213> ORGANISM: Homo sapiens
66 <400> SEQUENCE: 2
67 Met Ala Ala Leu Gln Lys Ser Val Ser Ser Phe Leu Met Gly Thr Leu
68 1 5 10 15
70 Ala Thr Ser Cys Leu Leu Leu Leu Ala Leu Leu Val Gln Gly Gly Ala
71 20 25 30
73 Ala Ala Pro Ile Ser Ser His Cys Arg Leu Asp Lys Ser Asn Phe Gln
74 35 40 45
76 Gln Pro Tyr Ile Thr Asn Arg Thr Phe Met Leu Ala Lys Glu Ala Ser
77 50 55 60
79 Leu Ala Asp Asn Asn Thr Asp Val Arg Leu Ile Gly Glu Lys Leu Phe
80 65 70 75 80
82 His Gly Val Ser Met Ser Glu Arg Cys Tyr Leu Met Lys Gln Val Leu
83 85 90 95
85 Asn Phe Thr Leu Glu Glu Val Leu Phe Pro Gln Ser Asp Arg Phe Gln
86 100 105 110
88 Pro Tyr Met Gln Glu Val Val Pro Phe Leu Ala Arg Leu Ser Asn Arg
89 115 120 125
91 Leu Ser Thr Cys His Ile Glu Gly Asp Asp Leu His Ile Gln Arg Asn
92 130 135 140
94 Val Gln Lys Leu Lys Asp Thr Val Lys Lys Leu Gly Glu Ser Gly Glu
95 145 150 155 160
97 Ile Lys Ala Ile Gly Glu Leu Asp Leu Leu Phe Met Ser Leu Arg Asn
98 165 170 175
100 Ala Cys Ile
104 <210> SEQ ID NO: 3
105 <211> LENGTH: 1166
106 <212> TYPE: DNA
107 <213> ORGANISM: Murine
109 <400> SEQUENCE: 3
110 gaattcggcc aaagaggcct acctaaacag gctctcctct cagttatcaa ctgttgacac 60
111 ttgtgcgatc tctgatggct gtcctgcaga aatctatgag ttttttccctt atggggactt 120
112 tggccgccag ctgcctgctt ctcattgccc tgtgggccca ggaggcaaat gcgctgcccg 180
113 tcaacacccg gtgcaagctt gaggtgtcca acttccagca gccatacatc gtcaaccgca 240
114 cctttatgct ggccaaggag gccagccttg cagataacaa cacagatgtc cggctcatcg 300
115 gggagaaact gttccgagga gtcagtgcta aggatcagtg ctacctgatg aagcaggtgc 360
116 tcaacttcac cctggaagac gttctgctcc cccagtcaga caggttccag ccctacatgc 420
117 aggaggtggt gcctttcctg accaaactca gcaatcagct cagctcctgt cacatcagcg 480
118 gtgacgacca gaacatccag aagaatgtca gaaggctgaa ggagacagtg aaaaagcttg 540
119 gagagagtgg agagatcaag gcgattgggg aactggacct gctgtttatg tctctgagaa 600
120 atgcttgcgt ctgagcgaga agaagctaga aaacgaagaa ctgctccttc ctgccttcta 660
121 aaaagaacaa taagatccct gaatggactt ttttactaaa ggaaagtgag aagctaacgt 720
122 ccatcattat tagaagattt cacatgaaac ctggctcagt tgaaaaagaa aatagtgtca 780
123 agttgtccat gagaccagag gtagacttga taaccacaaa gattcattga caatatttta 840

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124 ttgtcactga tgatacaaca gaaaaataat gtactttaaa aaattgtttg aaaggaggtt 900
125 acctctcatt cctttagaaa aaaagcttat gtaacttcat ttccataacc aatattttat 960
126 atatgtaagt ttatttatta taagtataca ttttatttat gtcagtttat taatatggat 1020
127 ttatttatag aaacattatc tgctattgat atttagtata aggcaaataa tatttatgac 1080
128 aataactatg gaaacaagat atcttaggct ttaataaaca catggatatc ataaaaaaaa 1140
129 aaaaaaaaaa aaaaaaaagc ggccgc                                      1166
132 <210> SEQ ID NO: 4
133 <211> LENGTH: 180
134 <212> TYPE: PRT
135 <213> ORGANISM: Murine
137 <220> FEATURE:
138 <221> NAME/KEY: VARIANT
139 <222> LOCATION: (180)
140 <223> OTHER INFORMATION: Wherein Xaa is any amino acid.
142 <400> SEQUENCE: 4
143 Met Ala Val Leu Gln Lys Ser Met Ser Phe Ser Leu Met Gly Thr Leu
144   1               5                  10                  15
146 Ala Ala Ser Cys Leu Leu Leu Ile Ala Leu Trp Ala Gln Glu Ala Asn
147             20                  25                  30
149 Ala Leu Pro Val Asn Thr Arg Cys Lys Leu Glu Val Ser Asn Phe Gln
150         35                  40                  45
152 Gln Pro Tyr Ile Val Asn Arg Thr Phe Met Leu Ala Lys Glu Ala Ser
153     50                  55                  60
155 Leu Ala Asp Asn Asn Thr Asp Val Arg Leu Ile Gly Glu Lys Leu Phe
156 65                  70                  75                  80
158 Arg Gly Val Ser Ala Lys Asp Gln Cys Tyr Leu Met Lys Gln Val Leu
159                 85                  90                  95
161 Asn Phe Thr Leu Glu Asp Val Leu Leu Pro Gln Ser Asp Arg Phe Gln
162             100                 105                 110
164 Pro Tyr Met Gln Glu Val Val Pro Phe Leu Thr Lys Leu Ser Asn Gln
165         115                 120                 125
167 Leu Ser Ser Cys His Ile Ser Gly Asp Asp Gln Asn Ile Gln Lys Asn
168     130                 135                 140
170 Val Arg Arg Leu Lys Glu Thr Val Lys Lys Leu Gly Glu Ser Gly Glu
171 145                 150                 155                 160
173 Ile Lys Ala Ile Gly Glu Leu Asp Leu Leu Phe Met Ser Leu Arg Asn
174                 165                 170                 175
W--> 176 Ala Cys Val Xaa
177             180
180 <210> SEQ ID NO: 5
181 <211> LENGTH: 27
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Description of Artificial Sequence:
187       Oligonucleotide for generation of sense probe
189 <400> SEQUENCE: 5
190 aggatggaga catctgactg ccctacg                                    27
193 <210> SEQ ID NO: 6
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Input Set : D:\Gi5358.app
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194 <211> LENGTH: 56
195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Description of Artificial Sequence:
200 Oligonucleotide for the generation of sense probe.
202 <400> SEQUENCE: 6
203 gactgataat acgactcact atagggcgaa caattttgac tccgatattg tccaag 56
206 <210> SEQ ID NO: 7
207 <211> LENGTH: 27
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Description of Artificial Sequence:
213 Oligonucleotide for generation of anti-sense probe
215 <400> SEQUENCE: 7
216 acaattttga ctccgatatt gtccaag 27
219 <210> SEQ ID NO: 8
220 <211> LENGTH: 56
221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Description of Artificial Sequence:
226 Oligonucleotide for generation of anti-sense probe
228 <400> SEQUENCE: 8
229 gactgataat acgactcact atagggcgaa ggatggagac atctgactgc cctacg 56
232 <210> SEQ ID NO: 9
233 <211> LENGTH: 191
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe for
239 IL-22 sequences
241 <400> SEQUENCE: 9
242 cagccataca tcgtcaaccg cacctttatg ctggccaagg aggccagcct tgcagataac 60
243 aacacagatg tccggctcat cggggagaaa ctgttccgag gagtcagtgc taaggatcag 120
244 tgctacctga tgaagcaggt gctcaacttc accctggaag acgttctgct cccccagtca 180
245 gacaggttcc a 191
248 <210> SEQ ID NO: 10
249 <211> LENGTH: 49
250 <212> TYPE: PRT
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Description of Artificial Sequence: Amino acid tag
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257 Met Lys Phe Leu Val Asn Val Ala Leu Val Phe Met Val Val Tyr Ile
258 1 5 10 15
260 Ser Tyr Ile Tyr Ala Gly Ser Gly His His His His His His Gly Ser
261 20 25 30

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263 Gly Asp Tyr Lys Asp Asp Asp Asp Lys Ala Pro Ile Ser Ser His Cys
264          35                  40                  45
266 Arg
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/18/2002
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 180

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Input Set : D:\Gi5358.app
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L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:176